

### Abstract

Disclosed is a photochromic plastic ophthalmic lenses having polymer matrices with an effective amount of at least one photochromic agent distributed therein, applied thereto or associated therewith and at least one ophthalmic filtering dye applied thereto, associated therewith or distributed therein the lens. A group of the filter lenses have dominant wavelengthes between 570 and 605 nm and color purity between 50% and 75%. Another lens product of the present invention is particularly suitable for patients suffering from retinitis pigmentosa. The lenses of the present invention are particularly suitable for individuals bothered by strong or variable illumination intensity.